

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Previously Presented) A method for providing backup server support, comprising:

operating a first server wherein the first server is capable of communication with a network and is associated with a primary server address;

maintaining a second server wherein the second server is capable of communication with the network, configured in parallel with the first server, and is associated with a monitor server address;

signaling, using a first signal, the primary server address;

monitoring for a response to the first signal within a predetermined time period;

repeating the signaling step and the monitoring step until the response is not received within the predetermined time period, and thereafter

performing a step of booting the first server, and in response to the booting of the first server:

signaling, using a second signal, the monitor server address; and

monitoring for a response to the second signal within a second time period.

2. (Cancelled)

3. (Original) The method of claim 1 comprising the additional step of, in conjunction with the booting of the first server, operating the second server.

4. (Original) The method of claim 1 wherein the operating step comprises providing server services to the network.

5. (Original) The method of claim 3 wherein the second operating step comprises providing server services to the network.

6. (Previously Presented) The method of claim 1 wherein the maintaining step comprises maintaining the second server in a backup mode so that the second server can be associated with the primary server address when the response is not received within the predetermined time period.

7. (Original) The method of claim 1 wherein the primary server address is an Internet protocol address.

8. (Previously Presented) The method of claim 1 wherein signaling the primary server address comprises pinging the primary server address.

9. (Original) The method of claim 1 wherein the response to the first signal in the time period is indicative of operation of the first server as the primary server, and an absence

of the response to the first signal in the time period is indicative of primary server malfunction or inactivity.

10. (Cancelled)

11. (Previously Presented) The method of claim 1 wherein a response to the second signal is received within the secondary time period, and the second server is operated as a monitor server.

12. (Previously Presented) The method of claim 1 wherein a response to the second signal is not received within the second time period, and the second server is thereafter operated as a primary server.

13. (Previously Presented) A system for operating redundant computers comprising:

a computer processor;

a carrier, containing computer program instructions thereon, wherein the instructions instruct the computer processor to perform the steps of:

signaling, a primary server address;

monitoring for a response to the signal within a predetermined time period; and

repeating the signaling step and the monitoring step until the response is not received within the predetermined time period, and thereafter

performing a step of booting the first server, and in response to the booting of the

first server:

signaling, using a second signal, the monitor server address; and
monitoring for a response to the second signal within a second time period.

14. (Original) The system of claim 13 wherein the instructions also instruct the processor to perform the additional step of, after the signaling step is repeated a predetermined number of times, copying data from a first server memory to a second server memory.

15. (Original) The system of claim 13 wherein the instructions also instruct the processor to perform the additional step of, in conjunction with the booting of the first server, operating a second server.

16. (Previously Presented) The system of claim 13 wherein the instructions also instruct the processor to maintain the second server in a backup mode so that operation of the second server can be provided when the response is not received within the predetermined time period.

17. (Original) The system of claim 13 wherein the primary server address is an Internet protocol address.

18. (Original) The system of claim 13 wherein the response to the signal in the time period is indicative of primary server operation, and an absence of the response to the signal in the time period is indicative of primary server malfunction or inactivity.

19. (Previously Presented) The system of claim 13 further comprising:

a first computing apparatus including a first memory, the first computer apparatus being communicatively connected to a network and corresponding to the primary server address; and

a second computing apparatus including a second memory, the second computing apparatus in communication with the network, configured in parallel with the first computing apparatus, and having a secondary server address.

20. (Previously Presented) A redundant computer system comprising:

a first computing apparatus communicatively connected to a network and corresponding to a primary server address;

a second computing apparatus in communication with the network and configured in parallel with the first computing apparatus, and associated with a monitor server address;

a means for signaling the primary server address;

a means for monitoring for a response to the signal within a predetermined time period; and

a means for repeating the signaling step and the monitoring step until the response is not received within the predetermined time period;

a means for booting the first computing apparatus, and

in response to the booting of the first computing apparatus:

means for signaling, using a second signal, the monitoring server address; and

means for monitoring for a response to the second signal within a second time period.

21. (Previously Presented) A method for providing backup service support, comprising:

operating a first server wherein the first server is capable of communication with a network and is associated with a primary server address, said first server having a first server memory;

maintaining a second server wherein the second server is capable of communication with the network, configured in parallel with the first server, and is associated with a monitor server address, said second server having a second server memory;

signaling, using a first signal, the primary server address;

monitoring for a response to the first signal within a predetermined time period; and

repeating the signaling step and monitoring step until the response is not received within the predetermined time period, and thereafter

performing a step of booting the first server;

copying data from the first server memory to the second server memory after the signaling step is repeated a predetermined number of times, and in response to the booting of the first server:

signaling, using a second signal, the monitor server address; and

monitoring for a response to the second signal within a second time period.

22. (New) The method of claim 1, wherein the step of signaling uses a computer readable signal on a computer readable medium.

23. (New) The system of claim 13, wherein the step of signaling uses a computer readable signal on a computer readable medium.
24. (New) The system of claim 13, wherein the carrier comprises a computer readable carrier on a computer readable medium.
25. (New) The system of claim 20, wherein the step of signaling uses a computer readable signal on a computer readable medium.
26. (New) The method of claim 21, wherein the step of signaling uses a computer readable signal on a computer readable medium.